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Terms	Documents
L19 and L20 same L21	18

**Database:**

- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

**Refine Search:**

**Clear**

**Search History****Today's Date: 5/3/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	L19 and L20 same L21	18	<u>L24</u>
USPT	L19 same L20 and L21	0	<u>L23</u>
USPT	L19 same L20 same L21	0	<u>L22</u>
USPT	ethylacetate or (ethyl adj acetate)	96803	<u>L21</u>
USPT	butylphthalate or polybutylphthalate or (butyl adj phthalate)	2216	<u>L20</u>
USPT	L18 or methacrylicacid	5674	<u>L19</u>
USPT	methyacrylic or polymethacrylic	5662	<u>L18</u>
USPT	(L9 or L10 or L14)[ti]	12	<u>L17</u>
USPT	L9 and L10 and L14	3	<u>L16</u>
USPT	(skin adj patch) and (L9 or L10 or L14)	9	<u>L15</u>
USPT	triclosan or irgacide or irgasan or (microban adj B) or THDP or (ultrafresh adj NM adj 100)	1226	<u>L14</u>
USPT	(skin adj patch) and (L9 or L10 or L11)	20	<u>L13</u>
USPT	nuskin or newskin	1	<u>L12</u>
USPT	triclosan or irgacide or irgasan or (microban adj B) or (NM adj 100) or THDP or (ultrafresh adj NM adj 100)	3563	<u>L11</u>
USPT	chlorbutanol or (trichloro near2 butyl near2 alcohol) or acetochlorone or (acetone adj chloroform) or chlorbutol or chlorethane or chlortran or clortran or methaform or sedaform	1934	<u>L10</u>
USPT	cetrimide or hexadecyltrimethylammonium or (hexadecyl adj trimethylammonium) or (hexadecyltrimethyl adj ammonium) or cetrimonium or ceta or cetyltrimethylammonium	3517	<u>L9</u>
USPT	triclosan	1042	<u>L8</u>
USPT	triclosane[ti]	0	<u>L7</u>
USPT	triclosane	2	<u>L6</u>
USPT	chlorbutanol or chorbutanol	138	<u>L5</u>
USPT	chlorbutanol or chorbutanil	136	<u>L4</u>
USPT	cetrimide	269	<u>L3</u>
USPT	cetrimide[ti]	0	<u>L2</u>
USPT	Lidocaine near5 (soluble or solubility)	49	<u>L1</u>

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Terms	Documents
(L9 or L10 or L14)[ti]	12

**Database:**

- US Patents Full-Text Database
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- Derwent World Patents Index
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[Refine Search:](#)

(L9 or L10 or L14)[ti]

[Clear](#)**Search History****Today's Date: 5/3/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	(L9 or L10 or L14)[ti]	12	<u>L17</u>
USPT	L9 and L10 and L14	3	<u>L16</u>
USPT	(skin adj patch) and (L9 or L10 or L14)	9	<u>L15</u>
USPT	triclosan or irgacide or irgasan or (microban adj B) or THDP or (ultrafresh adj NM adj 100)	1226	<u>L14</u>
USPT	(skin adj patch) and (L9 or L10 or L11)	20	<u>L13</u>
USPT	nuskin or newskin	1	<u>L12</u>
USPT	triclosan or irgacide or irgasan or (microban adj B) or (NM adj 100) or THDP or (ultrafresh adj NM adj 100)	3563	<u>L11</u>
USPT	chlorbutanol or (trichloro near2 butyl near2 alcohol) or acetochlorone or (acetone adj chloroform) or chlorbutol or chlorethane or chlortran or clortran or methaform or sedaform	1934	<u>L10</u>
USPT	cetrimide or hexadecyltrimethylammonium or (hexadecyl adj trimethylammonium) or (hexadecyltrimethyl adj ammonium) or cetrimonium or ceta or cetyltrimethylammonium	3517	<u>L9</u>
USPT	triclosan	1042	<u>L8</u>
USPT	triclosane[ti]	0	<u>L7</u>
USPT	triclosane	2	<u>L6</u>
USPT	chlorbutanol or chorbutanol	138	<u>L5</u>
USPT	chlorbutanol or chorbutanil	136	<u>L4</u>
USPT	cetrimide	269	<u>L3</u>
USPT	cetrimide[ti]	0	<u>L2</u>
USPT	Lidocaine near5 (soluble or solubility)	49	<u>L1</u>

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## Search Results -

Terms	Documents
L20 and skin and film and (plasticiser or plasticizer) and soluble and solvent not L21	761

- [US Patents Full-Text Database](#)
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- [Derwent World Patents Index](#)
- [IBM Technical Disclosure Bulletins](#)

**Database:** IBM Technical Disclosure Bulletins

**Refine Search:**

L20 and skin and film and (plasticiser or plasticizer) and soluble and solvent not L21

Clear

## Search History

**Today's Date: 5/2/2001**

Aqueous solubility of Lidocaine = 4 mg/mL [US Pat 6,217,911 B1]

Cetrimide = ~~myristyl trimethyl ammonium bromide~~  
aka hexadecyltrimethylammonium bromide  
aka cetrimonium bromide  
Cetab  
~~cetyltrimethylammonium bromide~~

Chlorbutanol =  trichloro-*t*-butyl-alcohol  
chlorbutanol

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	L20 and skin and film and (plasticiser or plasticizer) and soluble and solvent not L21	761	<u>L22</u>
USPT	L20 and skin and patch and film and (plasticiser or plasticizer) and soluble and solvent	94	<u>L21</u>
USPT	(spray or sprayable or sprayon or (spray adj on) or aerosol)	186255	<u>L20</u>
USPT	5366735.pn.	1	<u>L19</u>
USPT	(spray or sprayable or sprayon or (spray adj on) or aerosol) and L16	426	<u>L18</u>
USPT	((424/448 )!.CCLS. )	768	<u>L17</u>
USPT	((or/ )!.CCLS.  (424/448  424/449  424/447  424/443 )!.CCLS. )	2043	<u>L16</u>
USPT	(transdermal adj patch)[ti] or (skin patch)[ti]	34	<u>L15</u>
USPT	ethyl adj acetate	94205	<u>L14</u>
USPT	acetone	138989	<u>L13</u>
USPT	isopropanol	66920	<u>L12</u>
USPT	polybutylphthalate	1	<u>L11</u>
USPT	polymethacrylic adj acid	4542	<u>L10</u>
USPT	chlorbutanol	136	<u>L9</u>
USPT	chorbutanol	2	<u>L8</u>
USPT	centrimide	31	<u>L7</u>
USPT	triclosane	2	<u>L6</u>
USPT	moleskin	55	<u>L5</u>
USPT	pseudoskin or (pseudo adj skin)	4	<u>L4</u>
USPT	transdermal adj patch	2684	<u>L3</u>
USPT	skin adj patch	1020	<u>L2</u>
USPT	skin patch	1020	<u>L1</u>

Trying 3106016892...Open

```
Welcome to STN International! Enter x:x  
LOGINID:sssptal621mxw  
PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2
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\* \* \* \* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files  
NEWS 3 Feb 06 Engineering Information Encompass files have new names  
NEWS 4 Feb 16 TOXLINE no longer being updated  
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure  
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA

NEWS EXPRESS April 18 CURRENT WINDOWS VERSION IS V6.0,  
CURRENT MACINTOSH VERSION IS V5.0C (ENG) AND V5.0JB (JP),  
AND CURRENT DISCOVER FILE IS DATED 04/06

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
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NEWS WWW CAS World Wide Web Site (general information)

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FILE 'REGISTRY' ENTERED AT 10:53:40 ON 03 MAY 2001  
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STRUCTURE FILE UPDATES: 2 MAY 2001 HIGHEST RN 334473-38-0  
DICTIONARY FILE UPDATES: 2 MAY 2001 HIGHEST RN 334473-38-0

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT for details.

=> e chlorbutanol

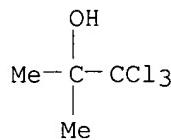
E1 1 CHLORBUTAMIDE/BI  
E2 1 CHLORBUTAN/BI  
E3 1 --> CHLORBUTANOL/BI  
E4 2 CHLORBUTIN/BI  
E5 1 CHLORBUTINPENICILLIN/BI  
E6 1 CHLORBUTOL/BI  
E7 1 CHLORBUTYL/BI  
E8 1 CHLORBUTYLENE/BI  
E9 2 CHLORCAM/BI  
E10 1 CHLORCAR/BI  
E11 1 CHLORCARAGAR/BI  
E12 1 CHLORCARAGARD/BI

=> s e3

L1 1 CHLORBUTANOL/BI

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS  
RN 57-15-8 REGISTRY  
CN 2-Propanol, 1,1,1-trichloro-2-methyl- (6CI, 8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN .beta.,.beta.,.beta.-Trichloro-tert-butyl alcohol  
CN 1,1,1-Trichloro-2-methyl-2-propanol  
CN 1,1,1-Trichloro-tert-butyl alcohol  
CN 2,2,2-Trichloro-1,1-dimethylethanol  
CN 2-(Trichloromethyl)-2-propanol  
CN Acetochlorone  
CN Acetonchloroform  
CN Acetone chloroform  
CN Anhydrous chlorobutanol  
CN **Chlorbutanol**  
CN Chlorbutol  
CN Chloreton  
CN Chloretone  
CN Chlorobutanol  
CN Chlortran  
CN Clortran  
CN Dentalone  
CN Khloreton  
CN Methaform  
CN Sedafom  
CN Trichloro-tert-butyl alcohol  
FS 3D CONCORD  
MF C4 H7 Cl3 O  
CI COM  
LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, BEILSTEIN\*, BIOBUSINESS,  
BIOSIS,  
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIOGENES,  
DRUGU, EMBASE, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS\*,  
SPECINFO, SYNTHLINE, TOXLINE, TOXLIT, USAN, USPATFULL, VETU  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*, WHO  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



455 REFERENCES IN FILE CA (1967 TO DATE)  
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 457 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 30 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e triclosane

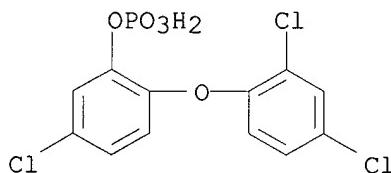
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E2	3	TRICLOSAN/BI
E3	0	--> TRICLOSANE/BI
E4	1	TRICLOSE/BI
E5	1	TRICLOSENE/BI
E6	51	TRICO/BI
E7	1	TRICOAT/BI
E8	823	TRICOBALT/BI
E9	233	TRICOBALTATE/BI
E10	1	TRICOBALTATEDECA/BI
E11	1	TRICOBALTATEDEDECACUPR/BI
E12	1	TRICOBALTATEDEDECACUPRATE/BI

=> s e2

L2 3 TRICLOSAN/BI

=> d L2

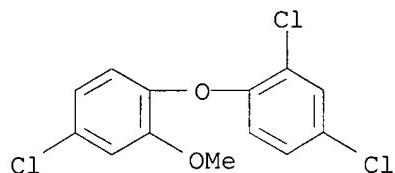
L2 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2001 ACS  
 RN 67651-57-4 REGISTRY  
 CN Phenol, 5-chloro-2-(2,4-dichlorophenoxy)-, dihydrogen phosphate (9CI)  
 (CA  
 INDEX NAME)  
 OTHER NAMES:  
 CN Triclosan monophosphate  
 FS 3D CONCORD  
 DR 163886-25-7  
 MF C12 H8 Cl3 O5 P  
 LC STN Files: BIOSIS, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, TOXLIT,  
 USPATFULL



10 REFERENCES IN FILE CA (1967 TO DATE)  
 10 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> d L2 2-3

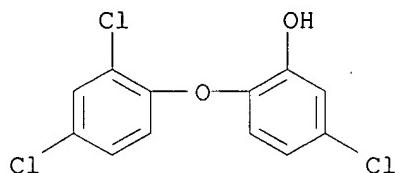
L2 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2001 ACS  
 RN 4640-01-1 REGISTRY  
 CN Benzene, 4-chloro-1-(2,4-dichlorophenoxy)-2-methoxy- (7CI, 8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 2,4,4'-Trichloro-2'-methoxydiphenyl ether  
 CN 5-Chloro-2-(2,4-dichlorophenoxy)anisole  
 CN **Methyl triclosan**  
 CN **Triclosan methyl**  
 FS 3D CONCORD  
 MF C13 H9 Cl3 O2  
 LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, TOXLINE,  
     TOXLIT, USPATFULL  
     (\*File contains numerically searchable property data)



12 REFERENCES IN FILE CA (1967 TO DATE)  
 12 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2001 ACS  
 RN 3380-34-5 REGISTRY  
 CN Phenol, 5-chloro-2-(2,4-dichlorophenoxy)- (7CI, 8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 2',4',4'-Trichloro-2-hydroxydiphenyl ether  
 CN 2',4,4'-Trichloro-2-hydroxydiphenyl ether  
 CN 2,2'-Oxybis(1',5'-dichlorophenyl-5-chlorophenol)  
 CN 2,4,4'-Trichloro-2'-hydroxydiphenyl ether  
 CN 2-Hydroxy-2',4,4'-trichlorodiphenyl ether  
 CN 3-Chloro-6-(2,4-dichlorophenoxy)phenol  
 CN 4-Chloro-2-hydroxyphenyl 2,4-dichlorophenyl ether  
 CN 5-Chloro-2-(2,4-dichlorophenoxy)phenol  
 CN Bacti-Stat soap  
 CN CH 3565  
 CN DP 300  
 CN Irgacide LP 10  
 CN Irgasan  
 CN Irgasan CH 3565  
 CN Irgasan DP 30  
 CN Irgasan DP 300  
 CN Irgasan DP 3000  
 CN Irgasan PE 30  
 CN Irgasan PG 60  
 CN Microban Additive B  
 CN Microban B  
 CN NM 100  
 CN THDP  
 CN **Triclosan**  
 CN Ultrafresh NM 100  
 CN Zilesan UW  
 FS 3D CONCORD

DR 164325-69-3, 112099-35-1, 88032-08-0  
 MF C12 H7 Cl3 O2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
     BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
     CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB,  
     IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PIRA, PROMT,  
     RTECS\*, SPECINFO, TOXLINE, TOXLIT, USAN, USPATFULL, VETU  
     (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*, WHO  
     (\*\*Enter CHEMLIST File for up-to-date regulatory information)



1320 REFERENCES IN FILE CA (1967 TO DATE)  
 18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1327 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		15.46	15.61

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=> logoff		SINCE FILE	TOTAL
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF		ENTRY	SESSION
LOGOFF? (Y)/N/HOLD:hold		0.00	15.61
COST IN U.S. DOLLARS			
FULL ESTIMATED COST			

SESSION WILL BE HELD FOR 60 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 10:57:26 ON 03 MAY 2001